

Jacqueline Corbett

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ACADEMIC APPOINTMENTS

Professor, Université Laval, Quebec QC, 2021-present
Management Information Systems, Faculty of Business Administration

Associate Professor, Université Laval, Quebec QC, 2017-2021
Management Information Systems, Faculty of Business Administration

Assistant Professor, Université Laval, Quebec QC, 2012-2017
Management Information Systems, Faculty of Business Administration

Visiting Appointments

- Visiting Professor, School of Information Management, **Victoria University of Wellington**, November 2019.
- Visiting Professor, Department of Information Science, **University of Otago**, October-November 2019.
- Visiting Researcher, Discipline of Business Information Systems, **University of Sydney Business School**, July-October 2019.
- Visiting Professor, Department of Analytics & Operations, **NUS Business School**, July 2019.

RESEARCH AFFILIATIONS

Centre for Research and Co-creation in Innovation and Sustainable Indigenous Business ([IADAA](#)), FSA ULaval, Université Laval; Director and founding member.

L'Observatoire international sur les impacts sociétaux de l'intelligence artificielle et du numérique ([OBVIA](#)), (International Observatory on the Societal Impacts of Artificial Intelligence and Digital Technology), Co-chair for the research stream on *Industry 4.0, Work, and Employment*.

Centre de recherche sur les communautés intelligentes ([CeRCI](#)), (Research Centre on Intelligent Communities), FSA ULaval, Université Laval; Director (2020-2022) and founding member.

Centre de Recherche en Données Massives de l'Université Laval / Big Data Research Center at Université Laval, Collaborator.

Smart Cities Smart Government Research-Practice Consortium ([SCSGRP Consortium](#)), Center for Technology in Government at the University of Albany, Associated researcher.

UBC Urban Data Lab, University of British Columbia, Collaborator.

EDUCATION

PhD in Management (Management Information Systems), 2013

Minor: Environmental Sustainability

Thesis: *A Socio-technical Investigation of the Smart Grid: Implications for Demand-side Activities of Electricity Service Providers*

Queen's School of Business, Queen's University, Kingston, ON

Masters of Business Administration (Finance), June 1996, With Distinction
Schulich School of Business, York University, Toronto ON

Bachelor of Arts, Honours in Business Administration, June 1992, With Distinction
Richard Ivey School of Business, The University of Western Ontario, London ON

RESEARCH PUBLICATIONS

- Lakshmi, V. and Corbett, J. (2023) Using AI to Improve Sustainable Agricultural Practices: A Literature Review and Research Agenda, **Communications of the Association for Information Systems**.
- Savarimuthu, B.T.R., Corbett, J., Muhammad, Y., and Lakshmi, V. (2023) Improving Information Systems Sustainability by Applying Machine Learning to Detect and Reduce Data Waste, **Communications of the Association for Information Systems**.
- Corbett, J. (2023) Sustainability Teaching and Learning in Information Systems: Reflections on Over a Decade of Experience, **Communications of the Association for Information Systems**.
- Ben Rjab, A., Mellouli, S. and Corbett, J. (2023) Barriers to Artificial Intelligence Adoption in Smart Cities: A Systematic Literature Review and Research Agenda, **Government Information Quarterly**.
- Corbett, J. and El Idrissi, S.C. (2022) Persuasion, Information Technology, and the Environmental Citizen: An Empirical Study of the Persuasion Effectiveness of City Applications, **Government Information Quarterly**, 39(4), 1-13.
- Corbett, J. and Savarimuthu, B.T.R. (2022) From Tweets to Insights: A Social Media Analysis of the Emotion Discourse of Sustainable Energy in the United States, **Energy Research & Social Science**, 89, 1-15.
- Chiu, Y.-T., Zhu, Y.-Q. and Corbett, J. (2021) In the Hearts and Minds of Employees: A model of Pre-Adoptive Appraisal Toward Artificial Intelligence in Organizations, **International Journal of Information Management**, 60, 1-16.
- Watson, R.T., Elliot, S., Corbett, J., Frakas, D., Feizabadi, A., Gupta, A., Iyer, L., Sen, S., Sharda, R., Shin, N., Thapa, D. and Webster, J. (2021) How the AIS can Improve its Contributions to the UN's Sustainability Development Goals: Towards A Framework for Scaling Collaborations and Evaluating Impact, **Communications of the Association for Information Systems**, 48 (Paper 41), 476-502.
- Zhu, Y.-Q., Corbett, J. and Chiu, Y.-T. (2021) Understanding Employees' Responses to Artificial Intelligence, **Organizational Dynamics**, 50(2) 1-10.
- Corbett, J., Templier, M., Townsend, H. and Takeda, H. (2020) Integrating Across Sustainability, Political, and Administrative Spheres: A Longitudinal Study of Actors' Engagement in Open Data Ecosystems in Three Canadian Cities. **Communications of the Association for Information Systems**, 47, 596-627.
- Nishant, R., Kennedy, M. and Corbett, J. (2020) Artificial Intelligence for Sustainability: Challenges, Opportunities, and a Research Agenda, **International Journal of Information Management**, 53, 1-13.
- Trid, S., Corbett, J. and Bouchard, L. (2019) Modèle théorique de projets de Green IS : une spécification des relations entre objectifs, compétences et culture environnementale / Theoretical model of Green IS projects: A specification of the relationships between objectives, competencies and environmental culture, **Systèmes d'Information et management** 24(1), 7-45.
- Corbett, J., Wardle, K. and Chen, C. (2018) Toward a Sustainable Modern Electricity Grid: The Effects of Smart Metering and Program Investments on Demand-Side Management Performance in the US Electricity Sector 2009-2012. **IEEE Transactions on Engineering Management**, 65(2), 252-263.

- Corbett, J., Webster, J., and Jenkin, T. (2018) Unmasking Corporate Sustainability at the Project Level: Exploring the Influence of Institutional Logics and Individual Agency. **Journal of Business Ethics**, 147(2), 261-286.
- Corbett, J. and Montgomery, A.W. (2017) Environmental Entrepreneurship and Interorganizational Arrangements: A Model of Social-benefit Market Creation. **Strategic Entrepreneurship Journal**, 11, 422-440.
- Corbett, J. and Mellouli, S. (2017) Winning the SDG Battle in Cities: How an Integrated Information Ecosystem Can Contribute to the Achievement of the 2030 Sustainable Development Goals. **Information Systems Journal**, 27(4), 427-461. *Awarded Best Journal Paper in Green IS 2017 by AIS SIGGreen.*
- El Idrissi, S.C. and Corbett, J. (2016) Green IS Research: A Modernity Perspective. **Communications of the Association of Information Systems**, 38 (Article 30), 596-623.
- Corbett, J. (2013) Using Information Systems to Improve Energy Efficiency: Do Smart Meters Make a Difference, **Information Systems Frontiers**, 15, 747-760.
- Corbett, J. (2013) Designing and Using Carbon Management Systems to Promote Ecologically Responsible Behaviours. **Journal of the Association for Information Systems**, 14(7), 339-378.
- Watson, R., Corbett, J., Boudreau, M.-C., & Webster, J. (2012) An Information Strategy for Environmental Sustainability. **Communications of the ACM**, 55(7), 28-30.
- Branker, K., Corbett, J., Webster, J., & Pearce, J. (2010) Hybrid virtual and field work-based service learning with green information technology and systems projects, **International Journal for Service Learning in Engineering**, 5(2), 44-59.

ACADEMIC CONFERENCE PUBLICATIONS & PRESENTATIONS

Peer-reviewed, with proceedings

- Aniceto, J., Corbett, J. and Chung, A. (2023) Designing Culturally Appropriate Hackathons to Increase Data Literacy in Indigenous Communities, Americas Conference on Information Systems, August 2023.
- Lakshmi, V. and Corbett, J. (2022) An Organizational Learning Approach to Perceiving and Addressing Algorithmic Bias in Agricultural Settings, Americas Conference on Information Systems, August 2022.
- Lakshmi, V. and Corbett, J. (2022) An Empirical Investigation of Behavioral Responses toward Algorithmic Predictions, Pacific Asia Conference on Information Systems, July 2022.
- Corbett, J. and Lakshmi, V. (2022) Combining Design Thinking and the Socio-Technical-Ecological Systems Perspective to Understand Greenhouse Growers' Experiences with Energy Management Solutions, 55th Hawaii International Conference of System Sciences (HICSS), Maui, HI, January 2022. *<named best paper in Analytics and Decision Support for Green IS and Sustainability Applications Minitrack>*
- Savarimuthu, B.T.R., Corbett, J., Muhammad, Y., and Lakshmi, V. (2020) Using Machine Learning to Improve the Sustainability of the Online Review Market, International Conference on Information Systems, December 2020.

- Corbett, J., Savarimuthu, B.T.R. and Lakshmi, V. (2020) Separating Treasure from Trash: Quantifying Data Waste in App Reviews, Americas Conference on Information Systems, August 2020.
- El Idrissi, S.C., Corbett, J. and Mellouli, S. (2020) Exploratory Study of RI in IS Organizations: Toward a Holistic Approach to Sustainability, Americas Conference on Information Systems, August 2020.
- Lakshmi, V and Corbett, J. (2020) How Artificial Intelligence Improves Agricultural Productivity and Sustainability: A Global Thematic Analysis, 53rd Hawaii International Conference of System Sciences (HICSS), Maui, HI, January 2020.
- Matos, U.C. and Corbett, J. (2019) Creating Knowledge for Value Creation in Open Government Data Ecosystems, Americas Conference on Information Systems (AMCIS), Cancun, Mexico, August 2019.
- Corbett, J., Savarimuthu, T. and Mohanna, M. (2018) Are Electricity Prosumers More Engaged? An Analysis of Brand-Follower Engagement on Twitter, Americas Conference on Information Systems (AMCIS), New Orleans, LA, August 2018.
- Corbett, J., Templier, M. and Takeda, H. (2018) The Making of a 'Top' Open Data City: A Case Study of Edmonton's Open Data Initiative, 51st Hawaii International Conference of System Sciences (HICSS), Hawaii, January 2018.
- Corbett, J. and El Idrissi, S.C. (2017) Assessing the Influence of Persuasive Systems for Sustainability Across Work-Home-Community Boundaries, European Conference of Information Systems (ECIS), Portugal, June 2017.
- Corbett, J. and Chen, C. (2015) Big Data Efficiency, Information Waste and Lean Big Data Management: Lessons from the Smart Grid Implementation, International Conference on Information Resources Management (Conf-IRM), Ottawa, ON.
- Corbett, J. and Webster, J. (2015) Organizational Sensemaking and Big Data Frames: Opportunity, Control and Data Limitation, 48th Hawaii International Conference on System Sciences (HICSS), Kauai, Hawaii.
- Rogers, K., Jenkin, T.A., Corbett, J., and Webster, J. (2013) The Effects of 'Green' on IT/S Projects: Recycling the Garbage Can Model, 46th Hawaii International Conference on System Sciences (HICSS), Maui, Hawaii <awarded best paper>.
- Hovorka, D. and Corbett, J. (2012) IS Sustainability Research: A trans-disciplinary framework for a 'grand challenge', Thirty-third International Conference on Information Systems, Orlando, FL.
- Corbett, J. (2012) Leaders and Lemmings: Organizational Responses to Smart Grid Transformation, Americas Conference on Information Systems (AMCIS), Seattle, WA.
- Corbett, J. (2011) Demand Management in the Smart Grid: An Information Processing Perspective Proceedings of the Americas Conference on Information Systems (AMCIS), Detroit, MI <nominated for best paper>.
- Corbett, J. (2010). Unearthing the Value of Green IT, Proceedings of the Thirty First International Conference on Information Systems, St. Louis, MO.
- Corbett, J., Webster, J., Sayili, K., Zelenika-Zovko, I., & Pearce, J. (2010) Developing and justifying energy conservation measures: Green IT under construction. Proceedings of the Americas Conference on Information Systems (AMCIS), Lima, Peru <nominated for best paper>.

Corbett, J. (2009). The impact of virtuality on performance: A meta-analysis. Proceedings of the Administrative Sciences Association of Canada 2009 Conference, Niagara Falls, June 2009.

CONFERENCE PRESENTATIONS & COMMUNICATIONS

Chung, A. and Corbett, J. (2023) Two-Eyed Seeing in Design Science: Towards Decolonizing the Use of Kernel Theories, Americas Conference on Information Systems, August 2023.

Lakshimi, V. and Corbett, J. (2021) Tackling Algorithmic Bias for Sustainable Agriculture, Virtual SIGGreen Pre-ICIS Workshop, December 2021.

Nishant, R. and Corbett, J. (2021) Firms' Network and Blockchain - An empirical examination, Presentation at Decision Sciences Institute 52nd Annual Conference, Virtual Conference, November 2021.

Lakshimi, V. and Corbett, J. (2021) Defining Use Cases for Artificial Intelligence in Sustainable Food Processing Systems, Poster presentation at GreenFoodTech2021 Virtual Conference, May 2021.

Watson, R.T., Webster, J., Corbett, J., Elliot, S., Ketter, W., and Radhakrishnan, S. (2020) Senior Scholars Consortium: How Can IS Scholars Increase Global Sustainability, Both Collectively and Personally? Panel discussion at the International Conference on Information Systems, December 2020.

Watson, R.T., Corbett, J., Tremblay, M., Ives, B., and Mandivalla, M. (2020) COVID-19 and IS: Challenges and Opportunities for People, Careers, and Institutions, Panel discussion at Americas Conference on Information Systems, August 2020.

Corbett, J., Webster, J. and Feizabadi, A. (2019) Education Initiative, Presentation of the Education working group of the AIS Sustainability Challenge Task Force, Sustainability Summit, International Conference on Information Systems, December 2019.

Corbett, J. (2019) Women and Sustainability, Presentation at the Sustainability Summit, International Conference on Information Systems, December 2019.

El Idrissi, S.C., Corbett, J. and Mellouli, S. (2019) Operationalizing Responsible Innovation in IS Innovation Projects, Poster presentation at Transdisciplinary Theory, Practice, and Action (STTPA) Conference, University of Toronto Mississauga, October 2019.

Corbett, J. (2018) Clean Technologies: A New Frontier for Impactful Information Systems Research, TREO (Technology Research, Education and Opinion) Talk, International Conference of Information Systems (ICIS), San Francisco, CA, December 2018

Corbett, J. and Combaluzier, T. (2018) A Multi-disciplinary Research Agenda for Cleantech, Oral Presentation, Sustainability and Development Conference, University of Michigan, Ann Arbor, MI, November 2018.

Wu, R., Asio, P. and Corbett, J. (2017) From Consumer to Prosumer: An Exploration of the Changing Information Processing Environment in the Electricity Sector, Administrative Sciences Association of Canada 2017 Conference, Montreal QC, May 2017.

Corbett, J. and El Idrissi, S.C. (2015) Crossing Contexts: How Persuasive Systems Promote Green Behaviors at Work, Home and in the Community, Academy of Management Meeting (AOM), Vancouver, BC, August 2015.

- Corbett, J. & Montgomery, W. (2014) Trading Credits, Trading Credibility: A Conceptual Model for Social-Benefit Market Creation Academy of Management Annual Meeting 2014, Philadelphia, PA.
- Shrivastava, A. and Corbett, J. (2014) Opportunities For Persuasive Systems To Increase Green Electricity Adoption: A Literature Review. Paper presented at the Administrative Sciences Association of Canada 2014 Conference, Muskoka, May 2014.
- Corbett, J. (2011). Using Information Systems to Improve Energy Efficiency: Investigating the Relationship between Advanced Metering Infrastructure and Electricity Demand Management. Poster presentation at the Thousand Islands Energy Research Forum, Alexandria Bay, NY.
- Corbett, J., Montgomery, A.W., & Dacin, M.T. (2011) Of Markets and Men: How Movements Shape the Making of Markets, Paper presented at the 3rd Annual Research Conference, Alliance for Research on Corporate Sustainability (ARCS), The Wharton School, May 2011
- Corbett, J., Webster, J., Boudreau, M.-C., & Watson, R.T. (2010). Defining the Role for Information systems in Environmental Sustainability Measurement, Proceedings of the SIGGreen ICIS Workshop, St. Louis, MO.
- Branker, K., Corbett, J., Webster, J., & Pearce, J. (2010). Engineering service learning with green information technology and systems (ITS) projects. Paper presented at the Canadian Engineering Education Association Conference, Kingston, Canada
- Corbett, J. (2010). Life on the Grid: Information Processing Requirements in the Smart Grid Environment. Poster presentation at the Thousand Islands Energy Research Forum, Alexandria Bay, NY.
- Corbett, J. (2009). Virtual management: The interaction of virtuality, structure and performance management. Paper presented at the Administrative Sciences Association of Canada 2009 Conference, Niagara Falls, June 2009.

BOOK CHAPTERS

- Lakshmi, V., Corbett, J. and Webster, J. (Forthcoming) "Data Collection and Exploitation Strategies for Green Information Systems" in *Handbook on Information Systems and the Environment*, Cooper, V., Kranz, J., Watson, R. and Mathew, S. (eds), Edward Elgar Publishing.
- Ben Rjab, A., Mellouli, S. and Corbett, J. (2021) "AI Adoption in Smart Cities: A Barriers Perspective" in *Research Handbook on E-Government*, Eric Welch (ed.), Edward Elgar Publishing.
<https://www.e-elgar.com/shop/usd/research-handbook-on-e-government-9781786437242.html>

PRACTICE-ORIENTED PUBLICATIONS AND PRESENTATIONS

- Corbett, J. and Tchatchouang Wanko, C.E. (2022) "[Rapport sur les enjeux transversaux au déploiement et à l'utilisation de l'IA au sein du système professionnel québécois](#)" (Report on the issues associated with the deployment and use of AI within the Quebec professional system), OBVIA, Québec.
- Corbett, J. and Lakshmi, V. (2021) "Leveraging the Internet of Things and Open Data to Support Clean Energy in the Greenhouse Sector: Preliminary Summary of Research Findings, February 2021", Université Laval.
- Matos, U. and Corbett, J. (2021). "Knowledge Creation in Open Data Hackathons: Findings From Canada and Brazil", Université Laval.

Corbett, J. Hajji, A. and Mellouli, S. (2021) Digital Twins Can Enable Smart, Agile, Sustainable Cities, *Cutter Business Technology Journal*, 34(1), 26-31.

Moderator, “Conférence-Discussion sur le télétravail: états des lieux et réflexion sur l’avenir du travail” (Conference-Discussion on Teleworking: Current Situation and Reflexion on the Future of Work), International Observatory on the Societal Impacts of AI and Digital Technology (OBVIA), Virtual event, December 2020. <https://www.youtube.com/watch?v=8nE68kvfENC&t>

Wu, R., and Corbett, J. (2019) Insights into Customer Adoption in: Innovation in the Electricity Industry: Focus on Distributed Renewable Electricity Generation, 1(2), p. 1-8.

Corbett, J. (2019) “Introduction aux technologies propres: un secteur émergent” (Introduction to Clean Technologies: An emerging sector), presented at Conférences—Analyse et architectures organisationnelles, FSA ULaval, Université Laval, Quebec, April 2019.

Session Moderator, “The Future of Smart Cities”, Smart Cities: National and International Experiences and awarding of the Top 7 smart cities by the Intelligent Community Forum (ICF), hosted by Université Laval, February 2019. <https://www4.fsa.ulaval.ca/en/evenements/icf-top7-intelligent-communities-of-the-year-2019/>.

Corbett, J. and Tiwana, V. (2018) Moving From Customer-Utility Relationships To Multi-Actor Interactions, presented at the Smart Grid Roadshow, Montreal, QC, September 2018.

Wu, R., and Corbett, J. (2018) Exploring the Changing Utility-Customer Relationship in: Innovation in the Electricity Industry: Focus on Distributed Renewable Electricity Generation, 1(1), p. 1-9.

INVITED PRESENTATIONS

L’IA et le futur des professions: Quels enjeux? Quelles actions? Invited presentation as part of the 37th national session of the French Institut National du Travail, de l’Emploi et de la Formation Professionnelle (INTEFP), Quebec City, September 2022.

L’IA et le futur des professions: Quels enjeux? Quelles actions? (Webinar on AI and the Future of Professions: Issues and Actions), OBVIA, September 2022. Link : <https://observatoire-ia.ulaval.ca/webinaire-lia-et-le-futur-des-professions-quels-enjeux-quelles-actions/>

Persuasion, information technology and the environmental citizen : An empirical study of the persuasion effectiveness of city applications, Virtual invited presentation, School of Management, Swansea University, Wales, September 2022.

Panel – IA et Impacts sur le travail (Panel discussion on AI impacts on work), **Colloque virtuel – Regards interdisciplinaires sur l’IA: Développements, usages et enjeux sociaux** (Interdisciplinary perspectives on AI : Development, use and social challenges), L’université Laval, OBVIA et Sorbonne Université, October 13-14, 2020.

Digitally Transforming Industries - By Design And Happenstance: An Investigation of the Smart Grid Transformation, invited presentation:

- University of Sydney Business School, Discipline of Business Information Systems, October 2019
- RMIT University, College of Business, October 2019
- QUT School of Information systems, Science and Engineering Faculty, September 2019
- Baylor Univeristy IS Research Colloquium Series, Waco, TX, November 2018

Leveraging an Integrated Information Ecosystem to Build Smart, Sustainable Cities, *Smart Cities 2017: Perspectives and Innovations in Quebec and China*, Workshop co-organized by the Fonds de

recherche du Québec – Société et culture and the National Natural Science Foundation of China, Montreal, November 2017. Web page: <http://www.frgsc.gouv.qc.ca/parteneriat/rayonnement-international>

Le changement de comportement et les systèmes d'information persuasifs (“Behavioral Changes and Persuasive Information Systems”), Université Laval Faculty of Law seminar *Les municipalités et la transition énergétique : Quelles meilleures pratiques ? Quels moyens juridiques?* (Municipalities and the energy transition: Best practices and legal approaches) Québec, October 2017. Video: <https://www.youtube.com/watch?v=aOHS4Dx3jig>

OTHER COMMUNICATIONS

Signatory on an open letter “Pour une IA responsable au service de l'intérêt public” (“Responsible AI in service of the public interest”) published 21-April-2023 in Le Devoir, <https://www.ledevoir.com/opinion/idees/789486/idees-pour-une-ia-responsable-au-service-de-l-interet-public>

RESEARCH GRANTS

Social Sciences and Humanities Research Council of Canada (SSHRC), Insight Development Grant (2022-2024), “Enhancing sustainable Indigenous agriculture through technology innovation and entrepreneurship”, Principal investigator (\$73,964/2 years).

International Observatory on the Societal Impacts of AI and Digital Technology (OBVIA) & Fonds de recherche du Québec, (2021-2022), “Livre blanc: Les enjeux liés à l'IA pour le monde professionnel québécois” (White Paper: Issues associated AI for Quebec professional orders and professionals), Research report prepared under mandate for the Conseil interprofessionnel du Québec, Collaborator and lead author.

International Observatory on the Societal Impacts of AI and Digital Technology (OBVIA) & Fonds de recherche du Québec, (2021), “Perspectives sur l'adoption de l'intelligence artificielle et la transformation industrielle” (Perspectives on the adoption of artificial intelligence and industrial transformation), Research report prepared under mandate for CMSO-Métallurgie, Collaborator and co-author.

International Observatory on the Societal Impacts of AI and Digital Technology (OBVIA) & Fonds de recherche du Québec, (2020-2023), “Gestion algorithmique et avenir du travail: les voies vers la gouvernance innovante et responsable” (Algorithmic management and the future of work: toward innovative and responsible governance), Co-investigator with Christian Levesque (\$130,000/3 years).

Social Sciences and Humanities Research Council of Canada (SSHRC), Insight Development Grant (2019-2022), “Investigating the Positive and Negative Impacts of Blockchain on Small and Medium Sized Enterprises”, Co-investigator with Rohit Nishant (\$48,668/2 years).

Natural Sciences and Engineering Research Council of Canada (NSERC), Discovery Grant (2019-2024), “Leveraging the Internet of Things and Open Data to Support Clean Energy”, Principal (individual) Investigator (\$115,000/5 years).

Social Sciences and Humanities Research Council of Canada (SSHRC), Insight Development Grant (2017-2020), “Exploring the Impact and Value Creation Process of Multi-Actor Open Data Initiatives”, Co-investigator with Hirotooshi Takeda.

Fonds de recherche du Québec - Société et Culture (FRQSC), Établissement de nouveaux professeurs-chercheurs (2014-2017), “Test des effets de la perméabilité des rôles et des systèmes d’information persuasifs inter-contextes sur les comportements responsables envers l’environnement”, Principal (individual) Investigator.

Natural Sciences and Engineering Research Council of Canada (NSERC), Discovery Grant (2013-2018), “Analysing smart grid systems design decisions with dynamic pricing, innovation diffusion and policy control mechanisms”, Principal Investigator with Chialin Chen.

STUDENT SUPERVISION & EXAMINATION COMMITTEE PARTICIPATION

Doctoral Students

Martins, Edlaine: Research Co-supervisor, PhD in Operations and Decision Support (OSD), Thesis topic: “La contribution des énergies renouvelables dans la réduction des gaz à effet de serre par le secteur du transport - une perspective par l’électrification des véhicules légers” (Impact of renewable energies in the reduction of greenhouse gases by the transportation sector - a study of the electrification of light vehicles), Start: Fall 2019, FSA ULaval, Université Laval.

Aniceto, Janaina: Research Supervisor, PhD in Management Information Systems, Thesis topic: “Designing culturally sensitive hackathons to build data literacy and innovation in Indigenous communities,” Start: Fall 2021, FSA ULaval, Université Laval.

Matos, Urbano: Research Supervisor, PhD in Management Information Systems, Thesis topic: “Knowledge Creation Processes within Open Data Ecosystems,” Expected completion: 2024, FSA ULaval, Université Laval.

Lakshmi, Vijaya: Research Supervisor, PhD in Management Information Systems, Thesis topic: “Application of Artificial Intelligence to Improve Agricultural Productivity and Sustainability”, Expected completion: 2024, FSA ULaval, Université Laval.

Trid, Salma: Research Supervisor, PhD in Management Information Systems, Thesis topic: “An examination of business intelligence as an entrepreneurial facilitator in clean technologies (cleantech) ventures”, Expected completion: 2024, FSA ULaval, Université Laval.

Ben Rjab, Amal: Research Co-supervisor, PhD in Management Information Systems, Thesis topic: “Adoption of Artificial Intelligence in Smart Cities”, Expected completion: 2023, FSA ULaval, Université Laval.

Cherki El Idrissi, Sarah: Research Supervisor. PhD in Management Information Systems, Thesis title: “Responsible Innovation for Information Systems: Understanding the Facilitators of Responsible Innovation and Encouraging its Application Among Future IS Professionals”, Completed May 2021, FSA ULaval, Université Laval

Examiner and Committee Member

Kouyo, Guy Alain Sylvanus Kouyo: Member of doctoral examination committee, FSA ULaval, Université Laval, Fall 2021.

Aliou, Sikirou Jean: Member of dissertation proposal examination committee, FSA ULaval, Université Laval, Winter 2022.

Kemayou Yombia, Steve Marius: Member of doctoral examination committee, FSA ULaval, Université Laval, Winter 2021.

Yew, Ming Hock: External examiner. PhD Thesis: “Modeling the Factors that Influence the Adoption Intention of a Residential Energy Management Information System (REMIS)”, RMIT University, June 2019

Shevchuk, Nataliya: External examiner. PhD Thesis: “Application of Persuasive Systems Design for Adopting Green Information Systems and Technologies”, University of Oulu, Faculty of Information Technology and Electrical Engineering, Oulu, Finland, April 2019.

Zheng, You: Thesis committee member. PhD Thesis: “Learning Strategies in Smart Grid Adoption: An Explorative Study in the U.S. Electric Utility Industry”, Degree granted 2017, Syracuse University School of Information Studies.

Shahrasbi, Nasser: External examiner. PhD Thesis: “Reflecting on the conceptualization of organizational readiness and its relationship with IT implementation success”, HEC Montreal, August 2016.

Masters Students

Tchatchoung Wanko, Chris Emmanuel: Research Supervisor, M.Sc. in Management Information Systems, Thesis topic: “Impact of Algorithmic Management on Individuals and Organizations: A Sectoral Analysis in the Electricity Sector”, Expected completion: 2023, FSA ULaVal, Université Laval.

Messari, Ouail: Supervisor, Supervisor, MBA in Business Analytics, Capstone project MQT-6504 (6 credits), Essay entitled: “Évaluation de la durabilité environnementale : l'apport des données Twitter pour déterminer les réactions émotionnelles des résidents au projet du tramway de la Ville de Québec” (Evaluation of environmental sustainability: Using Twitter data to determine the emotional reactions of residents to the tramway project in Quebec City), Université Laval, Summer 2022.

Assi, Nehme: Supervisor, M.Sc. in Information Technology Management, Research Essay (12 credits) titled “The Integration of Artificial Intelligence in Customer Relationship Management (CRM) Systems,” Université Laval, Winter 2022.

Ngallemo, Hever Patrick: Supervisor, MBA in Business Analytics, Capstone project MQT-6504 (6 credits), Essay entitled: “Gestion de données et barrières informationnelles dans le cadre de l'énergie propre” (Data management and informational barriers related to Clean energy), Université Laval, Winter 2020.

Eddahbi, Myriam: Supervisor, MBA in Digital Business Management, Capstone project SIO-6520 (6 credits), Report entitled: “Les bénéfices des données ouvertes au Ministère de l'Environnement et de la lutte contre les changements climatiques” (Benefits of open data at the Ministry of the Environment and the fight against climate change), Université Laval, Fall 2019.

Filiatreault, Félix: Supervisor, MBA in Social and Environmental Responsibility, Capstone project (6 credits), Internship report entitled: “Le développement de PGI environnementaux dans le secteur public” (The Development of an Environmental ERP System in the Public Sector”, Université Laval, Fall 2018.

Chachou, Aicha: Second reader, M.Sc. in Information Technology Management, Research Essay (12 credits) titled “Solution informatisée pour la gestion de l'information personnelle: Une vision familiale et communautaire” (An information technology solution for the management of personal information: A family and community perspective), Université Laval, Fall 2018.

Marcotte, Mathieu: Research Supervisor. M.Sc. Research Essay (12 credits): “Exploration des bénéfices, barrières et bonnes pratiques des données ouvertes en contexte de villes intelligentes”, (“Exploring the benefits, barriers and best practices for Open Data in the Smart City context”) FSA ULaVal, Université Laval, January 2017.

Trid, Salma: Research Supervisor. M.Sc. Thesis: “L’implantation des SI verts approchée comme processus de changement organisationnel: Les compétences fondamentales vertes” (Green IS projects as an organisational change process: Green core competencies), FSA ULaval, Université Laval, April 2016.

AWARDS & HONOURS

Médaille de la recherche pour l’excellence en publication 2023, 2022, 2021, 2019, 2018, 2014, FSA ULaval, Université Laval

Outstanding Reviewer Award 2022, *Energy Research & Social Science*.

Distinction Socrate (2020-2021), awarded for the quality of teaching by FSA ULaval, Université Laval.

AIS Distinguished Member – Cum Laude. Recognition from the Association for Information Systems for service and support to the community, July 2021.

Best Journal Paper on Green IS in 2017, Awarded by the AIS Special Interest Group on Green IS (SIGGreen), article titled: “*Winning the SDG Battle in Cities: How an Integrated Information Ecosystem Can Contribute to the Achievement of the 2030 Sustainable Development Goals*”, Information Systems Journal, 27(4), 427-461.

Best Reviewer, Information Systems Division, 44th Annual Conference of the Administrative Sciences Association of Canada, Edmonton 2016

MIS Professor of the Year 2015-2016 as voted on by the students of FSA ULaval, April 2016

Jury Member, MIS Division 2016 Jeux du Commerce, FSA ULaval, January 2016

Best Paper Award, Hawaii International Conference on Social Systems (HICSS-46), Decision Analytics, Mobile Services, and Service Science Track, “The Effects of ‘Green’ on IT/S Projects: Recycling the Garbage Can Model”

Social Sciences and Humanities Research Council of Canada Doctoral Fellowship, 2011-2012

Ontario Graduate Scholarship, 2010-2011

TEACHING CASES

Alfra Roman, R., Lakshmi, V. and Corbett, J. (2021) **Seeds of Change: Ross Greenhouse Digital Transformation Project**, Case prepared for use in course SIO-6017, Université Laval.

Cherki El Idrissi, S. and Corbett, J. (2018) **Recherche de financement pour un projet d’innovation responsable: le cas de Digi-Sol**, Case prepared for use in course SIO-6054, Université Laval.

Cherki El Idrissi, S. and Corbett, J. (2018) **Seeking Funding for a Responsible Innovation Project: The Case of Digi-Sol**, Case prepared for use in course SIO-6056, Université Laval.

Cherki El Idrissi, S., Corbett, J. and Melloui, S. (2018) **PowerUp ERP Implementation: More than Just a Software Problem**, Case prepared for use in course SIO-6056, Université Laval.

Cherki El Idrissi, S., Corbett, J. and Melloui, S. (2018) **Mise en oeuvre d’un progiciel intégré (PGI) par PowerUp: Plus qu’un problème de logiciel**, Case prepared for use in course SIO-6054, Université Laval.

Marsan, J., Frini, M.A., Corbett, J., and Boudreau, S. (2018) **Projet Resto chez Revenu Québec : Analyse des processus et des systèmes d'information (Partie B)**, Université Laval.

Corbett, J., Frini, M.A., Marsan, J. and Boudreau, S. (2017) **Project Resto by Revenu Québec - Using Information Technology Innovation to Combat Tax Evasion (Part A)**, Université Laval.

Corbett, J., Frini, M.A., Marsan, J. and Boudreau, S. (2017) **Projet Resto chez Revenu Québec : L'innovation des technologies de l'information pour lutter contre l'évasion fiscale (Partie A)**, Université Laval.

TEACHING AND MENTORING

Doctoral Level Courses Taught

- *SIO-8001: Artefacts TI : perspectives et applications (IT Artifacts : Perspectives and Applications)*, Université Laval
- *SIO-7000 : Fondements de recherche en SIO (Fundamentals of IS Research)*, Université Laval

Masters Level Courses Taught

- *SIO-6056: Information Systems and Sustainable Development*, Université Laval
- *SIO-6054: Les SIO au service du développement durable*, Université Laval
- *SIO-6009: Systèmes d'information (Information Systems)*, Université Laval
- *SIO-6017 :Information Systems and Technologies*, Université Laval

Bachelor Level Courses Taught

- *SIO-2100: Stratégies d'affaires électroniques (IT Strategy)*, Université Laval
- *SIO-1000: Systèmes et technologies de l'information*, Université Laval
- *Comm 409: Sustainability Measurement, Implementation and Evaluation*, Queen's University
- *Comm 190: Enabling Business with Information Systems*, Queen's University

New Course Development

- SIO-7000: Fundamentals of IS Research, Université Laval, 2018-2019.
- SIO-6054 and SIO-6056: Information Systems and Sustainable Development (French and English versions), Université Laval, 2017-2018.
- Comm 409: Sustainability Measurement, Implementation and Evaluation, Queen's University, 2011-2012.
- Treasury Technology, Treasury Management Association of Canada, 2008.

Guest Lectures

- "Green Information Systems and Technologies" as part of *Summer Business School 2017: Principles of Responsible Management*, Université Laval, June 2017
- "Green Information Systems and Technologies" as part of *Summer Business School 2016: Principles of Responsible Management*, Université Laval, June 2016
- "Information Systems for Sales Force Management" for the course MRK-2111, Université Laval, October 2013.
- "Introduction to Green Information Technology and Information Systems", Queen's University, Undergraduate Mechanical Engineering and Commerce students, 2010
- "Introduction to NVivo", Queen's University, Graduate students in Management Information Systems, 2010-2011

Continuing Education

- "Découvrir le potentiel de la ville intelligente" (Discover the potential of smart cities), l'Académie de la transformation numérique (ATN), Quebec.

Program Development and Responsibilities

- Maîtrise transdisciplinaire en intelligences des transformations (Transdisciplinary Masters Program in intelligence of transformations), Member of the elaboration committee, Université Laval, 2021
- Member, Committee for Masters and Doctoral Research Programs, FSA ULaval, September 2020-present
- Academic advisor for the M.Sc. in business administration on IT management (MSC-GTI), Université Laval, 2018-present

Other Teaching Experience

- Faculty Coach to Queen's Undergraduate CaseIT case competition team; First place winners of the 2011 CaseIT Competition, Simon Fraser University, Vancouver, BC

Mentoring

- Mentor to 5 women PhDs students, post-docs and young researchers (2 in Africa, 3 in Europe) as part of the AIS Women's Network College mentoring program

EDITORIAL ROLES

- Special Issue Editor, *Communications of the Association for Information Systems*, Special issue on "Digital Innovation for Social Development and Environmental Action" to be published in 2023.
- Associate Editor, *Information Systems Journal*, Special issue on "Information Systems and Sustainable Development"
- Associate Editor, *Communications of the Association for Information Systems* (2020-present)
- Co-Chair, 3rd International Research Workshop on Women, IS and Grand Challenges, Pre-ICIS (hybrid) workshop, 2022
- Track Co-chair, Digitization for the Next Generation, International Conference on Information Systems (ICIS) 2022
- Mini-track co-chair, Artificial Intelligence for Sustainability, America's Conference on Information Systems (AMCIS) 2019, 2020, 2021, 2022, 2023
- Associate Editor, European Conference on Information Systems (ECIS), 2022
- Co-Chair, 2nd International Research Workshop on Women, IS and Grand Challenges, Pre-ICIS (hybrid) workshop, 2021
- Track Co-chair, IS Implementation & Adoption Track, International Conference on Information Systems (ICIS) 2021
- Co-Chair, 1st International Research Workshop on Women, IS and Grand Challenges, Pre-ICIS (virtual) workshop, 2020
- Program Committee Member, International Conference on Persuasive Technologies, 2017-2019.
- Associate Editor, International Conference on Information Systems (ICIS 2016), Sustainability and Societal Impacts of IS Track
- Associate Editor, European Conference on Information Systems (ECIS 2016), Persuasive Systems Design" research track
- Track co-chair, Green IS/IT Strategies and Technologies, 2015 International Conference on Information Resources Management, May 2015
- Mini-track co-chair "IS Applications for Electric Mobility and the Smart Grid", Americas Conference on Information Systems, August 2013

OTHER ACADEMIC SERVICE

External

- President-elect, SIG Green, an AIS Special Interest Group on IS and Environmental Sustainability, Association for Information Systems, July 2021 to July 2023, followed by 2-year term as President.

- Immediate Past Co-Chair, AIS Women's Network College, July 2021-June 2022, , following two-year term as Co-chair for the AIS Women's Network College (elected), July 2019-June 2021, Association for Information Systems.
- Organizing Committee Member, America's Conference on Information Systems (AMCIS) 2021, Workshop Co-chair and Paper Development Sprint Co-chair
- AIS Sustainability Challenge Task force, Co-chair for the Sustainability Education Working Group, 2019-present)
- Member, AIS SIGGreen Journal Paper Award Committee, 2019
- Session Chair "TREC Talks on Inclusion and Impact", International Conference on Information Systems, December 2018
- Member, AIS Women's Network, Mentoring Award Committee, 2018
- Session Chair "IS Applications for Electric Mobility and the Smart Grid", Americas Conference on Information Systems, August 2013
- Co-organizer of the 2011 Queen's-HEC annual conference, May 2011
- Participant at Academy of Management (AOM) Organizations and the Natural Environment (ONE) Division's Doctoral Student Consortium in Chicago, August 7-8, 2009
- Reviewer for IS conferences and major journals including MIS Quarterly, Journal of the Association of Information Systems, Information Systems Journal, Journal of Strategic Information Systems, Information Systems Frontiers, Energy Reviews and Social Science, Journal of Grid Computing, International Journal of Critical Infrastructure, The Data Base
- External evaluator for funding applications: Mitacs (Canada), Dutch Research Council, and European Research Council

Internal (Université Laval)

- Member, Archival Committee, Université Laval, 2017-2023
- Member, Internal Selection Committee for the Social Sciences and Humanities Research Council of Canada (SSHRC) masters and doctoral awards (2022-2023 competitions)
- Member, Internal Selection Committee for the Social Sciences and Humanities Research Council of Canada (SSHRC) masters and doctoral awards (2021-2022 competitions)
- Member, Comité d'application des droits des étudiants et des étudiantes (Committee for the defence of students' rights), Université Laval, 2017-2019
- Library Committee member, FSA ULaval, Université Laval, 2012 to 2016
- Co-organizer for the MIS seminar series "Midis de la recherche en SIO", 2016-present

ACADEMIC & PROFESSIONAL ASSOCIATIONS

- Association for Information Systems (AIS)
- Academy of Management
- Administrative Sciences Association of Canada
- Fellow, Business Technology Management (BTM) Forum
- Treasury Management Association of Canada (TMAC) BC Chapter, Director & VP, 2007-2008

PROFESSIONAL EXPERIENCE

Treasury Consultant, Vancouver, BC, 2007-2008

Independent consultant providing treasury management consulting services, specifically related to the implementation and use of information technology, to corporate treasury organizations.

Thomson Financial / Selkirk Financial Technologies, Vancouver, BC, 1998 - 2007

Vice President, Products (Feb 2005 – Apr 2007)

Developed five year strategic product roadmap for corporate treasury products and managed implementation of 8-quarter product plans. Reported to Senior Vice President, Corporate Treasury Services.

- Launched innovative web-based treasury management solution achieving over 50 new clients within first year and 125 new clients within two years.
- Defined retirement plan for legacy client server product over three year period to maximize client retention.
- Presented at industry conferences and published articles related to treasury and treasury technology.

Vice President, Corporate Programs (Jun 2003 – Feb 2005)

Managed internal business operations, including IT, MIS, contracting, insurance, accounting, financial reporting, and office administration. Reported to Chief Financial Officer.

Vice President, Professional Services (Sep 2000 – Jun 2002)

Managed team of twenty staff across all client related services, including support, implementation consulting, training and client care. Managed implementation of enterprise wide CRM with million-dollar budget; project completed under budget and within six months. Reported to President and Chief Executive Officer / Chief Operating Officer.

Director, Client Services (Mar 1999 – Sep 2000)

Established and managed dedicated team of business analysts to support rapidly growing client base. Reported to President and Chief Executive Officer.

Manager, Implementation Services (Oct 1998 – Mar 1999)

Customer Service Representative (Apr 1998 – Oct 1998)

Algorithmics Incorporated, Toronto ON, 1996 - 1998

Manager, Client Services Support

Manager, Corporate Projects

Imperial Oil Limited, Toronto ON, 1994 - 1996

Financial Analyst

Confederation Life Insurance Company, Toronto ON, 1992 - 1994

Corporate Finance Analyst

TREASURY INDUSTRY PUBLICATIONS & CONFERENCES

Corbett, J. and Newman, K. (2007) "A Crystal Ball for Cash Flow Forecasts", Jan/Feb 2007, Financial Executive Magazine

Corbett, J. (2005) "Treasury – The Web and Beyond", May 30, 2005, GTNews.com

Corbett, J. and Das, A. (2007) "Streamlining Treasury with Web Technology", September 18, 2007, Presented at TMAC National Conference

Corbett, J. (2007) "Raising the Bar on Cash Forecasting", May 2007, Presented to TMAC BC

Corbett, J. (2006) "Does your Flow Really Work?", September 2006, Presented at TMAC National Conference

Corbett, J. (2006) "Converting Data to Dollars", April 2006, Presented at Texpo annual conference and Windy City Summit

Corbett, J. (2005) "Future of Treasury: The Web and Beyond", May 2005, Presented at Windy City Summit